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May 16, 2013

Dania Zinner  
USEPA, Region 8  
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EPA CONTRACT NUMBER EP-W-10-033  
TASK ORDER NUMBER 2021  
QA SUPPORT FOR RI/FS AT THE LIBBY ASBESTOS SITE OU3

Dear Ms. Zinner:

Enclosed please find the First Quarter 2013 Quarterly QA Report. This report is a deliverable under Task 5 of Task Order 2021.

If you have any questions, please feel free to contact me.

Sincerely,

Timothy L. Vonnahme  
Audit Group Manager, QATS Program  
CB&I Federal Services, LLC  
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cc: Christina Progross, USEPA, Region 8  
Administrative Contracting Officer (letter only)  
Audit Group Files



The Quality Assurance Technical Support (QATS) contract is operated by Shaw Environmental, Inc., a CB&I Company.  
The QATS Program's Quality Management System is certified to the ISO 9001:2008 International Standard



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## TECHNICAL MEMORANDUM

TO: Christina Progross and Dania Zinner, USEPA Region 8

FROM: Michael Lenkauskas, Shaw Environmental, Inc. (a CB&I Company)

DATE: April 30, 2013

SUBJECT: First Quarter 2013 Quarterly QA Report – Task Order 2021

This technical memorandum represents the First Quarter 2013 Quarterly QA Report for Task Order 2021, *Quality Assurance Support for the Remedial Investigation/Feasibility Study (RI/FS) for Operable Unit 3 of the Libby Asbestos Site (Libby OU3)*. It includes, by task and QA element, a summary of QA procedures for the period of January 1, 2013 to March 31, 2013. The QA elements addressed in this quarterly report are consistent with Tasks 1 through 9 of Task Order 2021 and represent work performed by Shaw Environmental, Inc. (a CB&I Company) under its Quality Assurance Technical Support contract EP-W-10-033.

### Task 1 – Provide Technical Expertise

No activities were assigned during the quarter.

### Task 2 – Provide On-site Audit Reports

On 01/28/2013, QATS submitted an EPA Resolution Report that evaluated the response from Fort Environmental Laboratory (FEL) in Stillwater, OK to the report for the on-site audit conducted on this laboratory on 11/28/2012. The 2012 Summary Asbestos On-site Evaluation Report was submitted to FEL on 12/18/2012 following EPA approval. The evaluation report consisted of one observation. In their response, FEL acknowledged that the observation was accurate; therefore, further laboratory action was not required.

### Task 3 – Development and Review of SOPs and Other Quality Documents

The following SOPs are referenced for future asbestos data validation:

- SOP QATS-70-094-00 (Standard Operating Procedure for the Verification and Validation of Polarized Light Microscopy (PLM) Data Deliverables)
- SOP QATS-70-095-00 (Standard Operating Procedure for the Verification and Validation of Transmission Electron Microscopy (TEM) Data Deliverables)
- SOP QATS-70-096-01 (Standard Operating Procedure for the Verification and Validation of Libby Phase Contrast Microscopy (PCM) Data Deliverables)



#### **Task 4 – Libby Amphibole Mentoring Program**

No activities were assigned during the quarter.

#### **Task 5 – Quarterly Report**

The fourth (4<sup>th</sup>) quarterly report was submitted to EPA on 01/30/2013.

#### **Task 6 – Quality Control (QC) Sample Program**

QATS performed the following inter-laboratory QC activities during the First Quarter of 2013:

- Downloaded the PLM-VE inter-laboratory results associated with analyses performed during the first three quarters of 2012 (01/01/2012 through 09/30/2012). These results, upon receipt of the PLM-VE inter-laboratory results associated with analyses from the Fourth Quarter of 2012, will be summarized for inclusion in the 2010-2012 annual report.
- Selected PLV-VE samples associated with analyses performed in the Fourth Quarter of 2012 for the 2012 fourth quarter PLM-VE inter-laboratory study.
- Selected TEM samples associated with analyses performed in 2012 for the 2012 TEM inter-laboratory study.
- Continued to support analytical activities associated with both the 2010 and 2011 TEM inter-laboratory studies.

#### **Task 7 – Data Validation of Asbestos Deliverables**

QATS is in the process of verifying and validating data deliverables representing 5% of the total analyses performed between 2007 and 2011.

QATS is in the process of summarizing the 2009 non-asbestos validation reports provided to Syracuse Research Corporation (SRC) by TLI Solutions, Inc. (a Division of TechLaw).

#### **Task 8 – Conference Calls**

No activities were assigned during the quarter.

#### **Task 9 – Annual Summary Report**

An annual summary report of all QA activities is due on 06/28/2013.